ABSTRACT

The present invention relates to a single chain multimeric interferon β polypeptide comprising at least two monomers linked via a peptide bond or a peptide linker, wherein at least one of said monomers is an interferon β monomer comprising an amino acid sequence that differs from that of wildtype human interferon β in at least one introduced glycosylation site, methods of preparing such polypeptides or conjugates, and the use of such polypeptides in therapy, in particular for the treatment of multiple sclerosis.